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FIRST QUARTER
1978

MONTANA DISASTER AND EMERGENCY SERVICES DIVISION NEWSLETTER

C. L. Gilbertson
Administrator

Thomas L. Judge
Governor

John J. Womack
The Adjutant General

ADMINISTRATOR'S MESSAGE

National Legislation:

USCDC (United States Civil Defense Council) and NASDDP (National Association of State Directors for Disaster Preparedness) have arranged for Federal Congressional support to request a supplemental FY 78 appropriation in the amount of 10.6 million dollars. This request would be allocated: 2.2 million for Personnel and Administration; 2 million for Training & Education; 2 million for support equipment and 4.4 million for EOC construction. DCPA and DOD oppose this supplemental appropriation, however, Congressional support appears to be favorable.

Reorganization:

The President's Reorganization Progject on Disaster Preparedness appears to be held up in the Office of Management and Budget (OMB). However, the target date for the President to present the plan to Congress is April 7th. Congress has 60 days to act on the plan. They may accept or reject; if they accept or do nothing, the President may then put the plan into effect.

The project plan recommends the following:

1. *Consolidation of DCPA, FDAA and FPA*
2. *Creation of an Independent Civil Emergency Management Administration*
3. *White House Emergency Management Committee*
4. *Be responsible for conducting earthquake hazard reduction programs (EHRP) with the Office of Science and Technology concurrence.*
5. *Assign warning systems and EBS oversite responsibilities*
6. *Assign National Weather Service*
7. *Transfer the Nuclear Regulatory Commission's Preparedness Program*
8. *Transfer the National Fire Prevention and Control Administration (NFPCA)*
9. *Transfer temporary housing function (FDAA-HUD)*
10. *Transfer the National Flood Insurance Program (NFIP)*
11. *Monitor imports to determine whether they threaten or impair national security*
12. *Establish a Dam Safety Coordination Responsibility*
13. *Assign Terrorist Attack Consequence Management functions*

My observation at the State level is that in the past, the State Office had to work with a multitude of Federal Offices. Now, one "super" Federal Office will work with a multitude of State Offices.

ON THE LOCAL SCENE

BEAVERHEAD COUNTY

Edward Swetish, who has been involved in Beaverhead County's civil defense efforts since the beginning of time (Montana's civil defense "time" that is - 1951) has resigned his County Director's position to join the State DES staff as a Calibration Technician.

Walter Albertson, recently retired from a managerial position with Mountain Bell, who has spent 25 years in Dillon, has been appointed to replace Ed as the Beaverhead County Director.

CASCADE COUNTY

March 5-11, 1978 was proclaimed "Civil Defense Evaluation Week" in the Cascade County/Great Falls area to draw public attention to civil defense procedures and to gauge the effectiveness of existing protection against nuclear attack.

Unfortunately, the audience members barely outnumbered speakers at the Civil Defense Forum, which climaxed the week's activities.

* * * * *

William E. Murray, director of the Cascade County DES Office, participated in a work session held at the National DCPA Headquarters in Washington, D.C. on February 12-15, 1978, to revise and update the 1972 "Standards for Local Civil Preparedness".

* * * * *

An emergency survival and medical services workshop for the public was held recently in Great Falls by the County Extension Education Homemaker program. Bill Murray, Cascade County DES Director, in conjunction with a representative from the State Emergency Medical Services Bureau, presented the program which included how to prepare for and what to do in a natural disaster; dealing with food contamination; and information on first aid and local emergency medical services capabilities.

GALLATIN COUNTY

On December 10, 1977, Gallatin County Civil Defense participated in a "downed aircraft" exercise along with the Civil Air Patrol, Gallatin County Sheriff's Department, Amateur Radio Club, Sheriff's Posse and the Gallatin Air Field Terminal.

By 11:00 a.m. the first day, the Civil Air Patrol had located the simulated downed aircraft by the "downed aircraft beeper" which had been hidden by a representative from Malmstrom Air Force Base. Rescue teams, called into action, were within sight of the simulated accident within one hour.

JEFFERSON COUNTY

Jefferson County Director, John Heide, 75 years of age, suffered an apparent heart attack and died unexpectedly February 25, 1978. John, a rancher from the Boulder area and former county commissioner had been civil defense director for five years.

ON THE LOCAL SCENE (continued)

LEWIS & CLARK COUNTY

Bill McKnight, who has been the Lewis & Clark County Civil Defense Director since July 15, 1971, resigned his position as of February 15, 1978. He has been replaced by Art Woods, who resigned his County Commission seat to become the county civil defense director.

LIBERTY COUNTY

The city of Chester was faced with an emergency situation on March 10, 1978, when they experienced a cave-in at the Tiber Lake pumping station which supplies water to the entire city.

A survey of the situation revealed that only 24-36 hours of normal water consumption remained, with nothing available for emergency fire needs.

The State DES Office, through their coordination efforts, was able to obtain a pump through the U.S. Army Reserve Unit in Butte, MT., which is of sufficient capacity to maintain daily usage until the situation can be remedied.

Because of the speedy pick-up and delivery of the emergency pump by a Montana National Guard helicopter, the local maintenance crews were able to effect the temporary replacement before the water completely "ran out".

MADISON COUNTY

Members of the Military Support Section of Montana's National Guard will put on an E.O.S. (Emergency Operations Simulation) for Madison County on April 13, 1978 at the County EOC in Virginia City.

EDITORS NOTE:
Assistance such as this, is available from our National Guard support unit, "if" requested and "if" programmed in advance.

MISSOULA COUNTY

Over 25 organizations and/or agencies were involved in one way or another in response to a toxic chemical spill on Interstate 90, 31 miles east of Missoula on March 6, 1978. A tank truck carrying 5300 gallons of flammable polyester resin overturned on icy roads at approximately 5:30 a.m.

Rick Leavell, Missoula County Director and Bill Thomas, State District Coordinator, handled the coordination of the various organizations even though the mishap did occur in adjoining Granite County.

ON THE LOCAL SCENE (continued)

PARK COUNTY

Mike Fleming, County DES Director, is wondering about the "pit stops" his mail took recently, enroute from Helena to Livingston:

Mailed from Helena.....December 30, 1977
Postmarked: North Suburban, Ill.....January 3, 1978
Postmarked: Lavina, MT.....January 7, 1978
Finally arrived Livingston.....January 9, 1978

Editors Note:

We keep trying to convince National DCPA that Montana is "large" (land-wise) and that it takes a lot of time (and funds) to get from one place to the next...now we can prove it!!

WHEATLAND COUNTY

All emergency services in Harlowton participated in a disaster drill late in February, to test their emergency operating plans. Ward Beley, Wheatland County C.D. Director, set up and coordinated the exercise which was staged around a mock explosion and fire in the shop area of the Harlowton High School.

With a few minor weaknesses, participating services (Wheatland Memorial Hospital, County Ambulance Service, County Sheriff's Department, City Police and Harlowton Fire Department) proved that they could adequately cope with a disaster.

The emergency workers really got a workout during this exercise, including setting up an alternate treatment center after the hospital received its maximum number of patients. Also the Harlowton firemen actually tested hydrants, laid lines and did a general pump check.

After a critique by the evaluators, the emergency services personnel and their spouses enjoyed a potluck dinner and evening of dancing.

YELLOWSTONE COUNTY

A proposal from Jim Kraft, County DES Director, to "plan evacuation and safety procedures for all county buildings" was approved by the Yellowstone County Commissioners, recently. According to Kraft, the buildings are without any procedure for evacuation. "What if a bomb exploded in the Lobby?" he asked the commissioners. "Would you know where to go?"

WELCOME ABOARD

New Director.....effective 1/1/78.....Robert K. Johnson.....Anaconda/Deer Lodge Co.
New Director.....effective 2/1/78.....Art Woods.....Lewis & Clark Co.
New Director.....effective 3/6/78.....Lyle Hill.....Sanders Co.
(Held position as "Acting Director" since 9/27/77)
New Director.....effective 3/15/78....Walter L. Albertson...Beaverhead Co.

ELEVENTH ANNUAL GOVERNOR's CONFERENCE
FOR COUNTY COMMISSIONERS ON
CIVIL DEFENSE

Neither rain, wind or blizzard will keep 'em from attending our annual event! (Or at least that's how it seems.) While twenty of our fifty-six counties were being considered for disaster declarations, thirty-two still managed to send representation. Our thanks to those who braved the elements!!

While attendance was down, those who were here took advantage of the occasion to discuss "preparedness policies" with Clifford E. McLain, Deputy Director of the National DCPA Office in Washington, D.C. (middle-facing camera)

OTHER GUEST SPEAKERS WHO
HELPED MAKE THIS
CONFERENCE A SUCCESS...

(Pictured left to right)

David G. Harrison, Director
DCPA Region Six, Denver
&
Lt. Governor Ted Schwinden
&
Karl V. Steinbrugge, Earthquake
Specialist from California

"AMERICAN RED CROSS MISSION AND SUPPORT TO CIVIL DEFENSE" was the topic of the presentation made by Robert N. Richards, (pictured on left) Red Cross Advisor for DCPA, Region Six. Robert L. Jursnick, Manager of Montana's American Red Cross Chapter located in Great Falls is shown on the right as they enjoyed the Seminar's noon luncheon.

IT WAS A "FULL DAY" STARTING WITH REGISTRATION...

One of our newest directors, Robert K. Johnson, Anaconda/Deer Lodge County, (far right) is shown as he registers for his "first" conference.

...BUT THERE WAS STILL TIME TO GET TOGETHER...

...TO DISCUSS INDIVIDUAL CONCERNS...

In with the "new", out with the "old", director that is!! Lewis & Clark County's new director, Art Woods, is pictured on the left with Bill McKnight, who retired from that position effective 2/15/78, as they talk with Jan Henry, Natural Disaster Response Planner with the State Office.

...TO GET BROUGHT UP TO-DATE

ON

WHAT'S HAPPENING THROUGHOUT

THE STATE...

Left to right: Tom Bersuch, Fergus Co. Director; C. Richard Cloyd, Fergus Co. Deputy; Frank Frankovich, Judith Basin Co. Director; and Alfred F. Klingler, Toole Co. Director.

HIGHLIGHTS FROM THE ADVANCED SEMINAR

Taking advantage of the expertise we have within our "local" ranks, this Seminar featured two workshops which were designed, staged and presented by "local" directors, for "local" directors.

...Bill Murray, Cascade County Director, having just returned from a work session at National DCPA on updating "Duties of the Local Civil Preparedness Director/Coordinator", was seeking Montana Directors' reactions to the proposed changes during his workshop presentation.

Helping each director to identify the "good guys" and the "bad guys", was part of Wilma Puich's workshop presentation on "HOW TO GET PEOPLE INVOLVED". (Butte/Silver Bow DES Director).....

...."FOODS FOR CIVIL PREPAREDNESS" Presentation by David Richards, Project Coordinator for Allen's Mercantile in Denver who solve special food use and storage problems for industry, government, organizations and individuals by specializing in packaging freeze-dried and dehydrated foods.

Seminar participants were able to "sample" the foods as Dave Richards (far right) treated the group to a noon luncheon.

MONTANA ASSN. OF DISASTER & EMERGENCY SERVICES COORDINATORS

by Jim Kraft, President

OFFICERS NAMED:

New officers were elected and installed at the February meeting of the Montana Association of Disaster & Emergency Services Coordinators in Helena. The new slate of officers and terms of office are as follows:

President (2 years).....James L. Kraft, Yellowstone County
President Elect (2 years).....LaVern Wiens, Roosevelt County
Secretary (1 year).....Wilma Puich, Butte/Silver Bow County
Treasurer (1 year).....Jim DeTienne, Sheridan County
Dist. 1 - Vice President (1 year).....Kim Potter, Flathead County
Dist. 2 - Vice President (1 year).....Bill Murray, Cascade County
Dist. 3 - Vice President (1 year).....Norm Parrent, Big Horn County
Dist. 4 - Vice President (1 year).....(To be selected)

The overall objectives of the organization are to promote civil defense activities through the state, to establish a more effective liaison with the State Disaster and Emergency Services Office and to have a unified, strong voice in the United States Civil Defense Council.

* * * * *

MURRAY GETS TOP AWARD:

Mr. Bill Murray, Coordinator of Cascade County Office of Disaster & Emergency Services, was recently presented with the "President's Award". This award, presented by President, James Kraft, of the Montana Association, recognized Murray as the most outstanding civil defense coordinator for the state. Murray, as the award describes, has contributed most to the betterment of the Montana Association and to county civil defense programs through his legislative contributions. His actions reflect great credit upon himself, his office, the city of Great Falls, the county of Cascade, the Montana Association and the state of Montana.

UNITED STATES CIVIL DEFENSE COUNCIL (USCDC)

NATIONAL LEVEL:

The following seven (7) counties represented Montana at the USCDC National Mid-year Conference in Washington, D.C. held March 12-15, 1978:

Cascade County.....William E. Murray, Director
Frank Steyaert, County Commissioner
John St. Jermain, County Commissioner
Fergus County.....Robert T. Barber, County Commissioner
Glacier County.....Fred R. Johnson, County Commissioner
Pondera County.....Everett C. Elliott, County Commissioner
Roosevelt County.....James R. Halverson, County Commissioner
Valley County.....Terry Mercer, Director
Earl Daley, County Commissioner
Yellowstone County.....James L. Kraft, Director

USCDC-REGIONAL LEVEL:

DON'T FORGET!

Region Six USCDC Conference is scheduled for June 19-21, 1978, at the Yellowstone Motor Inn in Livingston, Montana. (Telephone: 222-6110)

"LOOT" NEEDED

Wilma Puich is making "loot bags" for the up-coming Regional meeting and she needs help!

Each county is being asked to supply at least "one item" for each of the 200 loot bags which might "advertise" and/or "promote" your particular county.

Suggestions are: tablets, pencils, key-chains, brochures, etc.

Possible sources for contributions: Local Chamber of Commerce, local business firms, freightline companies, banks, or other large corporations in your area.

Please make sure your contributions get to Wilma by May 15th. They can be mailed direct to her office:

Wilma Puich, Director
Butte/Silver Bow D.E.S.
% Silver Bow General Hospital
Butte, MT. 59701

Or contact your District Coordinator for "pick-up and delivery" arrangements if mailing is a problem.

Remember, this is a "Montana Meeting", not a "Livingston Meeting". Let's make sure each county is represented in the "loot bag".

PLEASE HELP!!!

* * * * *

For informational purposes only, the conference committee needs to get an idea of how may local CD/DES directors, county commissioners, C.D. staff, spouses, etc. plan to attend the USCDC meeting in Livingston in June from Montana:

(Tear off here)

Please complete and return immediately to: Jim Kraft, Director
Yellowstone County D.E.S.
Room 402
County Courthouse
Billings, MT 59101

/___/ I Plan to attend (state number attending)

/___/ I do not plan to attend

Signed: _____

Title: _____

County: _____

NASDDP

During recent elections for officers in the National Association of State Directors for Disaster Preparedness (NASDDP), C.L. "Gil" Gilbertson, Montana State's DES Administrator, was elected Regional Vice Presdient to represent the ten states in Region Six. He takes office July 1, 1978.

EXCESS PROPERTY RENEWALS

Confusion was apparent last month, when some local directors within the State of Montana received DCPA Form 251-1, *Agreement for Extension of Loan of Government Personal Property To Fulfill Civil Defense Contributions Program Objectives.*

Under a new program initiated by National DCPA, computer printed "Renewal Loan" forms for excess property equipment are being mailed direct from their office to you at the local level.

All of the first forms mailed out were duplicates of renewals we had already completed. This combined with the fact that the forms do not adequately identify the equipment involved, added to the confusion.

We have requested National DCPA to mail all future preprinted copies of their DCPA Form 251-1 to this Office for inspection before distribution to the local level. But until they agree, and you hear from us, please just forward any further copies of DCPA Form 251-1 you may receive to this Office without action.

* * * * *

The SOUTH DAKOTA - Emergency & Disaster Service Information Bulletin, reported the following information:

A publication which lists vendors of military vehicle repair parts, used construction equipment, repaired motors, snowplows, etc. is available from:

Construction Bargineer
P.O. Box 16365
St. Paul, Minnesota 55116
(612) 646-2771

The publication is printed bi-weekly at an annual cost of $8.00 for 3rd class mailing or $35.00 for first class mailing. Subscription costs are payable at time of order.

* * * * *

We have also been advised of the following address change for the IRVING MILLER & CO. who supply "military truck-spare parts":

IRVING MILLER & COMPANY
1323 S. Clinton Street
Chicago, Ill. 60607
(312) 226-3930

EXCESS PROPERTY PICKUP AVAILABLE

Location of property: Columbus, Montana

International Model C-112, ½ ton, 4 x 2 - 6 cylinder motor, 6-man cab.
Following repairs needed:

Replace or rework transmission cover and gear shift
Replace rear seat
Ignition switch and other minor repairs

Has fair to good tires with good box and cab

This unit was obtained through the excess property program for a volunteer fire department who have been unable to provide funds for rehabilitation. Has not been operated by County. For more information contact Joe Hickey, District #3 Coordinator (Phone 252-5619 in Billings) or the State Office.

MOBDES RESOURCE LIST

As a result of your inquiries for persons eligible for MOBDES designations in your area, a listing of "Army" MOBDES eligibles and their addresses have been mailed to each county director. As soon as we receive the eligibility listing for the "Navy" and "Air Force", it also will be forwarded for your information and possible use.

SURPLUS PROPERTY WAREHOUSE TO MOVE...

The Surplus Property Warehouse in Helena will be closed the entire month of April while they are in the process of moving to a new location (old Liquor Warehouse on Front Street). Their mailing address will remain the same.

Please let all of your people know so that they will not waste a trip to the warehouse during April.

TELEVISION PUBLIC SERVICE ANNOUNCEMENT

The State Office has received and has on hand, three (3) one minute TV Spot public service announcement tapes which are available for your use with your local TV station. They are as follows:

#1 - Agnes Flood Evacuation
#2 - Hopewell Bridge Disaster
#3 - The Day of the Killer Tornadoes

The theme for all three is: "Civil Defense Pays Off". What an excellent way for you to tell your story. Call your District Coordinator for scheduling.

* * * * *

NOTE: If you have any films that belong to the State Office - please return them as soon as possible. Others are waiting to use them!!

PUBLIC PREPAREDNESS INFORMATION

Governor Thomas Judge listed "Mother Nature" as one of the two biggest threats to domestic bliss in Montana during his 1978 State of the State address. Judge said, "No problem can be as devastating as those Mother Nature can impose on us - problems of the magnitude of the drought of 1977 and the blizzards of this winter."

"The disastrous blizzard which struck eastern Montana this month imposed great hardship on the people and livestock of that area. But it proved again the ability of state government to work with local governments and Civil Defense agencies, and demonstrated the high degree of proficiency of the Montana National Guard to respond to any emergency."

Hopefully, Montana is past the "blizzard" threat - now comes the watch for potential "flood threat".

Local directors in Montana are not sitting idle as they "watch", but are attempting to get preparedness information to the public. Examples that have come to our attention include:

Musselshell County:	Flood information printed in "Local County Extension Bulletin"
Wibaux County:	"Clip & Save" ad in weekly newspaper of "Emergency Action In Case of Natural Disaster"
Dawson County:	"In Case of Emergency..." (a checklist)
Roosevelt County:	"Fire Sirens Don't Always Mean Fire" (article on warning systems)

Information presented in each of these advertisements/articles brings out two important points that (1) fire sirens can be a warning for other than fire and (2) advises the public to tune in to their local radio station for emergency information.

* * * * *

The following "Flood and Storm" information (as reprinted from information supplied by the Property Claim Services of the American Insurance Assn) is being prepared by the State DES Office for distribution to each local CD/DES Director in Montana. (Should be mailed 1st part of April)

It is hoped that the information presented will be of local use in alerting the public to ways they can protect their health and reduce property damage in the event of disaster:

"Precautions Before a Flood"
"Safety First - When You Return to a Storm-Damaged Home"
"What to Do If Your Home is Storm-Damaged and You Are Insured"
"A Check List For Storm-Damaged Homes and Businesses"
"Flood Insurance Information"
"Restoring Flood-Damaged Autos and Farm Equipment"

Handout pamphlets on flood, storms, blizzards, etc., are available through the National Weather Service. If you have a presentation planned for some community groups and want more information on these handouts, please contact:

National Weather Service
5010 - 9th Ave. South
Great Falls, MT 59405
Phone: 453-2081

"WATER SUPPLY OUTLOOK FOR MONTANA"

The U.S. Department of Agriculture/Soil Conservation Service publishes a report called "Water Supply Outlook For Montana", which is issued January 1, February 1, March 1, April 1, May 1, May 15 and June 1 of each year. This report covers mountain snowpack, and streamflow forecasts for the Columbia River, Missouri River, Hudson Bay River, and Yellowstone River Drainages. Many of you may already receive this report. For those who do not and wish to be placed on the mailing list, please contact:

U.S. Department of Agriculture
Soil Conservation Service
P.O. Box 98
Bozeman, Montana 59715

SANDBAGS

In view of potential flooding from the snow melt this spring, an update of manufacturers and their current market prices, was mailed to each director the first part of February. We have now received an "expanded" listing of available sources within DCPA Region Six. If you had "poor" results from those on our previous listing or just want additional sources, please contact your District Coordinator or the State Office.

PLEASE NOTE THE FOLLOWING INFORMATION:

1. DCPA matching funds are not available to state or local civil defense agencies for sandbags.

2. If flooding is severe enough for a major disaster declaration by the President, the costs of the sand bags consumed in the flood fight may be reimburseable by FDAA.

3. The Corps of Engineers does not generally preposition a supply of sandbags at local government levels. However, when local supplies are depleted, the Corps of Engineers will respond to supplement state efforts within statuatory authorities.

NATION'S #1 WEATHER KILLER

Lightning is the Nation's #1 weather killer exceeding floods, tornados and hurricanes. Many lightning related deaths are caused from the use of the telephone during electrical storms. Also, the number of casualties related to CB radios is rapidly increasing. There is evidence however, that prompt first aid, does save lives!

"ON NUCLEAR CIVIL PROTECTION PLANNING (NCP)"

by Lloyd Meyer, Chief Planner

In most states, Nuclear Civil Protection planning proceeds slowly, without urgency, and with small budgets. Two states have no nuclear planning programs at all. Montana is about as far along with its plans as other states. However, there are signs of movement in Washington, D.C. which forecast a renewed emphasis in this not overly popular issue of Civil Defense.

For instance, we learn that by October of this year the three Federal Agencies (DCPA, FDAA and FPA) with major roles in disaster & emergency planning (and actions) will probably be combined into a single disaster agency. This new unit (Agency, Administration, Department, Outfit, or whatever) will probably show up on the Federal organizational chart with a line running directly to the White House. Of course, reorganization won't guarantee a renewed emphasis on nuclear survival - but its a beginning. For it's clear that both the Administration and the Congress are uneasy about the odds for success of SALT II, and whether the Mutual Assured Destruction (MAD) theory is really "mutual". "Parity", as defined by the USSR, appears to have a different connotation than the meaning of the term has for us. They're driving for strategic superiority, we are warned by some Kremlin watchers. Finally, it appears they are considerably more concerned with surviving their people in the event of war than we are in this country. Civil Defense expenditures exceed ours by a factor of ten, we're told, and they might be thinking seriously that a nuclear war can be fought and won. Given the advantage of striking the first blow (we've conceded that advantage as a matter of national policy), and given time for preparation against retaliation, the USSR would, admittedly, be in a much better position for surviving.

So, we may see Civil Defense become, in fact, a part of national strategy. Department of Defense has been saying for years, that it was and is a key ingredient in national policy - but DOD would have difficulty proving that statement. The best that can be said of the Nation's Civil Defense is that it's very low-key and in a state of disarray. If the tempo increases for a shelter program that has real substance, and crisis relocation is emphasized - rather than simply being recognized as an option - we can expect some interesting citizen/political reactions. Expect outcrys from some quarters about spending more money for C.D. purposes. (Increasing civil protection is viewed by certain Congressmen as a provocative act.)

Other hard questions will need answers: (1) How would evacuating cities ensure our survival if the production base that sustains them were smashed? (2) How would permanently displaced people survive if many cities of residence were destroyed? (3) How could anything, less than full scale evacuation, cut casualties during a limited nuclear war unless the U.S. knew in advance which cities/areas the USSR would strike? (4) Could evacuees escape if the USSR employed saturation attacks with MIRV's en masse against many reception sites at an early stage?

There are no easy answers to such questions. People in target areas have but two options for survival if an attack does come. They must rely on shelters or plan on leaving target areas before the bombs arrive. Neither option provides an acceptable degree of assurance for escape from the awesome effects of modern weapons. Which brings us to a third option for survival that somehow must be developed, nurtured, and brought to reality. It's the option of disarmament. We should hope and pray that, worldwide, an awakening public will begin insisting that their

NCP (continued)

leaders truly get down to business and bring about a drastic reduction in nuclear weapons. Our people and people everywhere are weary. They/we have been living in the shadow of holocaust for two generations. We hear a few lonely voices protesting that the constant threat of annihiliation is intolerable. They tell us rightly that such madness must end. If only the People of the USA, USSR, The Peoples' Republic of China and of other nations in the "nuclear club" could all begin moving their leaders towards nuclear disarmament, think of the possibilities! There could be a SALT III through SALT X, and the world might end up with a zeroed-out inventory of mass destruction weapons.

For now, this is the stuff dreams are made of...but let's keep our hopes alive. Meanwhile, we should - we must - proceed with the dreary business of educating ourselves and our children on nuclear effects, methods of protection, and techniques for survival.

FCC SURVEY OF EBS CAPABILITY

The Federal Communication's Commission (FCC) recently conducted a mail survey of all protected Emergency Broadcast Stations (EBS) in the nation concerning the EBS equipment, status of the Equipment Loan Agreement and how many times EBS had been activated in the past year.

Eighty-six radio stations in Region Six responded to the survey:

	Number of Protected Stations	Number of Stations Reporting	Times EBS Activated	Stations Reporting Bad Equip.	Stations Reporting Bad Equipment-Being Re-equipped
Colorado	12	9	0	4	1
Iowa	10	8	2	3	
Kansas	10	10	3	4	1
Missouri	11	8	5	1	
Montana	13	11	0	5	
Nebraska	9	9	4	3	
North Dakota	8	7	2	2	
South Dakota	9	8	6	4	
Utah	9	8	0	5	1
Wyoming	10	8	1	2	
TOTALS:	101	86	23	33	3

Attention is called to the reporting of 23 times that EBS was activated in Region Six during 1977. EBS was activated 702 times by the 511 radio stations responding throughout the U.S. to the FCC survey.

38.3% of the 86 reporting stations have equipment which must be replaced or installed. DCPA, Region Six has advised that updates of obsolete, irrepairable and unmaintainable equipment will be done as expeditiously as availability of funds permit.

Radiological Monitoring Classes (RM):

Our RADEF technicians, Jim Brown and Ed Swetish, must schedule a minimum of three (3) R.M. Classes a week, with at least ten students in each class before they can set up their travel schedule. Please contact your District Coordinator if you need and want a class set up.

R.M. Classes already scheduled:

Phillips County.....	Malta.....	April 3, 1978
Blaine County.....	Chinook.....	April 4, 1978
Hill County.....	Havre.....	April 5, 1978
Liberty County.....	Chester.....	April 6, 1978
Granite County.....	Drummond.....	April 18, 1978
Powell County.....	Deer Lodge.....	April 19, 1978
Deer Lodge County.....	Anaconda.....	April 20, 1978

NOTE:

Several counties have not yet assigned a monitor to their primary monitoring station in accordance with the RADEF Annex. This task can and will be accomplished following a R.M. Class in your community.

* * * * *

OPERABILITY TESTS:

We have only received replies from twenty-three (23) of the fifty-six (56) counties. DUE DATE WAS MARCH 1st. Could we please have the remaining tests submitted?

* * * * *

MONITOR STATION & SHELTER LOG FORMS:

These forms were also due March 1st. We have received only twenty-three (23) of these also. Could we please have those remaining by April 15, 1978????

* * * * *

Montana's Adjutant General, John J. Womack, was on hand March 24, 1978 to present certificates to the twenty-three (23) students successfully completing a Radiological Defense Officer's Course (RDO) held in Livingston. Assisting the state staff in conducting this course were: Paul Alley, Bob Hite and Bob Kistner from the Region Six DCPA Office and Terry Mercer, RDO and Director of the Valley County D.E.S.

* * * * *

NOTE: As previously requested, we need a list by name, address, and phone number of all current RDOs in your county. So far, we have received replies from only fifteen counties. If you have not done so, please submit your listing by April 15th.

Hazardous Material Information Classes are being set up for the month of August 1978. Only six classes can be scheduled and locations will be selected for their centralization in order to get the best response. If you are interested, contact your District Coordinator.

ELKS FORMING "HAM" RADIO NET

A nation-wide Elks Net of licensed amateur radio operators who are members of the Elks is being formed. Once in operation, the Elks Net will operate daily on a frequency of 14328 KC and will be heard at 1800 UCT (Universal Coordinated Time), which is 1:00 p.m., Chicago time. Local directors should contact their local Elks organization (if one exists) for more information and possibly enlist their services on your local emergency operation's team.

EARTHQUAKE HAZARD

In conjunction with the Governor's Conference for County Commissioners, DES hosted a meeting on earthquake hazard mitigation. Karl V. Steinbrugge, nationally recognized earthquake specialist, met with representatives from various State departments and the universities. The attendees discussed national earthquake legislation and the State's role in earthquake mitigation efforts. The ultimate goal of the meeting was to determine whether an indepth study of the earthquake hazard mitigation role of the State government was necessary, and if so, establish a committee to study the problem and make recommendations to the Governor.

As a result of the meeting, Keith Colbo, the Governor's Executive Assistant, requested the State DES Office to develop recommendations for establishing this committee.

"ROAD CLOSURE" DECISION

In a recent Attorney General's opinion issued at the request of Yellowstone County, he held that:

> *The authority to temporarily close a state highway or county road, due to hazardous conditions, belongs to the Department of Highways and each Board of County Commissioners, respectively. The designation of a particular individual having this authority is left to the discretion of the Department of Highways and each Board of County Commissioners. The latter may appoint a county road supervisor or superintendent capable of making this decision. Only in cases of extreme emergency may the Highway Patrol block traffic, and, then, only temporarily.*

WYOMING CD FUNDING DENIED

They Wyoming State Legislature has denied funding for the Wyoming Disaster & Civil Defense Agency for FY79-80. One position plus funding has been authorized in the Adjutant General's budget for an employee to carry out requirements of Federal flow through funding only. Present Federal contract for maintenance and calibration and the FDAA Disaster Planning Grant has been approved as long as Federal funding is available. The Wyoming Disaster & Civil Defense Agency as a separate agency will cease operations effective June 30, 1978.

"BENEATH THE SURFACE"

condensed from an article in the "Canadian Emergency Planning Digest"

High land costs and soaring energy costs have recently spurred an already growing effort to make more use of underground space. Presently under construction in Reston, Virginia, is a 60,000 square foot underground elementary school which will use up to 80% less energy than a conventional school of the same size.

Even before the energy crisis, world-wide interest was growing in the use of underground space.

The Swedes make extensive use of underground space. In fact, when contemplating a new project, the Swedes approach it from the point of view - *why not put it underground?* Thus it is not surprising to find all-weather rail and highway arteries, power plants, factories, a wide variety of stored items, and countless other items and activities located underground in Sweden.

Sweden is internationally renowned for their advanced technology in rock excavation and has now entered into a joint agreement with the United States to cooperate on matters of underground construction, rapid excavation, and rock tunneling.

Although Sweden is generally regarded as a leader in underground construction, some of the advantages have been recognized in other parts of the world.

A recent issue of *Pravda*, for example, notes: "In current planning for construction, the effort to make best use of space is being directed directly into the bowels of the earth."

In Tokyo, faced with skyrocketing land costs and also limitations on building heights because of threat of earthquakes, many enterprises have gone underground. Shopping centers, streets, restaurants - even a hotel.

Montreal's huge underground Place Ville-Marie shopping complex underlies several blocks of the city. Here "shirt-sleeve" weather prevails throughout the year. Shops of every variety can be reached with the greatest ease and comfort on a single level in a clean, bright environment undisturbed by traffic, foul air, and noise.

The use of underground space in the United States lags behind that in Sweden and some other European countries for many reasons. Excelling in aboveground construction, we lack specialists who understand how to evaluate and use underground space. Objections have been raised that it would be "psychologically" unsatisfactory to place our many activities underground. But this has been largely disproved by the many successes in using underground space in other countries.

The advantage of underground space, which is available and suitable for civil defense use, is obvious. Switzerland and China are also among the nations who have recognized the civil defense aspects of underground space.

Underground space is indeed a largely "unspoiled frontier" in the U.S. While interest is developing in this country, it is still shared by a relatively small number of knowledgeable people. Hopefully, more people will soon begin to appreciate the many beneficial applications of construction which appear - or perhaps more accurately, *disappear - beneath the surface.*